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TEST PIT LOG

TESTPIT No.: EGLTP01

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND: 734.7m
DATUM: NZVD2016
DATE: 31/05/2024
TESTPIT DEPTH: 2.5m
COORDINATES: East 1318255.8 North 5016437.2
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ●Field Vane (BS 1377) ○Remoulded Field Vane (50 100 150)	FIELD TESTS
TS	Organic SILT; dark brown. Moist, soft, low plasticity.	734.7	TS			S					
		0.2									
Quarternary Deposits	Clayey SILT some gravel and cobbles; light greyish brown. Moist, stiff, low plasticity. Gravels medium to coarse, subangular to angular, schist derived. Cobbles; up to 120mm subangular to angular, schist derived. (Alluvial Fan)	734.5		1	M	St			Groundwater Not Encountered		
		1.4									
	Gravelly SILT some clay and cobbles minor sand; brownish grey. Moist, very stiff, low plasticity. Clast supported. Gravels; medium to coarse, angular to subangular, derived from quartz rich schist. Cobbles; up to 120mm angular to subangular, derived from quartz rich schist. (Alluvial Fan)	733.3		2		VSt					
		2.3									
TZ4	Bouldery CLAY; dark grey. Moist, hard, moderate plasticity, hard. Foliation and mica structures visible. matrix supported. Boulders; up to 350mm, boulders angular to subangular schist. (Completely weathered schist)	732.4				H					
		2.5									
	EOH: 2.50 m										

NOTES: Logged by EGL staff.
Refusal at 2.5m.
Groundwater not encountered.

LOGGED: JF
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024
TESTPIT No: EGLTP01		Photographed by: J. Frengley	



Testpit at completion. Max depth 2.5m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: EGLTP02

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND: 735.5m
DATUM: NZVD2016
DATE: 31/05/2024
TESTPIT DEPTH: 1.9m
COORDINATES: East 1318356.2 North 5016320.2
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ●Field Vane (BS 1377) ○Remoulded Field Vane (50 100 150)	FIELD TESTS
TS	Organic SILT; dark brown. Moist, soft, low plasticity.	735.5	TS TS		M						
		0.3									
Quaternary Deposits	Clayey SILT with some gravel and cobbles; light greyish brown. Dry, stiff, low plasticity. Matrix supported. Gravel; fine to coarse subangular to angular, schist derived. Cobbles; up to 120mm subangular to angular, schist derived. (Alluvial Fan)	735.2			D	St					
		0.7									
	Silty CLAY with minor gravel and cobbles, trace boulders; dark grey. Moist, very stiff, high plasticity. Gravel; fine to coarse subangular to angular, schist derived. Cobbles; fine to coarse subangular to angular schist derived. (Alluvial Fan)	734.8		1	M	VSt			1.80m, 31/05/2024		
		1.8									
	Seepage encountered.	733.7			S						
		1.9									

EOH: 1.90 m

NOTES: Logged by EGL staff.
Refusal at 1.9m
Groundwater at 1.8m.

LOGGED: JF
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024
TESTPIT No: EGLTP02		Photographed by: J. Frengley	



Testpit at completion. Max depth 1.9m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: EGLTP03

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND: 745.0m
DATUM: NZVD2016

DATE: 31/05/2024
TESTPIT DEPTH: 1.8m
COORDINATES: East 1318419.2 North 5016226.5
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane	FIELD TESTS
TS	Organic SILT; dark brown. Moist, soft, low plasticity.	745.0 0.1	TS								
Quarternary Deposits	Silty CLAY; light brownish grey. Moist, stiff, moderate plasticity. (Holocene Landslide Deposits) 0.4m - 0.5m: some boulders on southern side of pit	744.9		1	M	St			Groundwater Not Encountered		
	Clayey SILT; grey. Moist, very stiff, moderate plasticity. (Holocene Landslide Deposits) 1.6m: clay excavated as angular blocks	1.4 743.6				VSt					
TZ 4	Bouldery CLAY; dark grey. Saturated, hard, moderate plasticity. Matrix supported. Foliation and mica structures visible. Boulders; up to 350mm, angular to subangular schist. (Completely weathered schist)	1.7 743.3 1.8				H					
	EOH: 1.80 m										

NOTES: Logged by EGL staff.
Refusal at 1.8
Groundwater not encountered.

LOGGED: JF
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024
TESTPIT No: EGLTP03		Photographed by: J. Frengley	



Testpit at completion. Max depth 1.8m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: EGLTP04

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND: 743.2m
DATUM: NZVD2016
DATE: 31/05/2024
TESTPIT DEPTH: 2.6m
COORDINATES: East 1318596.2 North 5016244.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane	FIELD TESTS
TS	Organic SILT; dark brown. Moist, soft, low plasticity.	743.2 / 0.3	TS								
Quarternary Deposits	Silty CLAY with minor gravel and cobbles; brownish grey. Moist, stiff to very stiff, low plasticity. Gravel; fine to coarse subangular to angular, schist derived. Cobbles; up to 120mm subangular to angular, schist derived. (Alluvial Fan) 1.0m: 300mm angular quartz boulder	742.9 / 1.8		1	M	St-VS			1.70m, 31/05/2024		
	Silty CLAY minor gravel and cobbles trace boulders; brownish grey. Wet, very stiff, low plasticity. Seepage present. Gravels; fine to coarse subangular to angular, schist derived. Cobbles; up to 120mm subangular to angular, schist derived. Boulders; up to 240mm, angular schist. (Alluvial Fan)1.9m - 2.1m: Lense of silty GRAVEL some sand; gravels fine to coarse angular to subangular, schist derived. Grey; wet, medium dense, non-plastic. Water flowing out from layer	741.4 / 2.4		2	S	VSt					
TZ3	Bouldery CLAY; dark grey. Saturated, hard, moderate plasticity. Foliation and mica structures visible. Matrix supported. Boulders; up to 350mm, boulders angular to subangular schist (Completely weathered schist)	740.8 / 2.6				H					
	EOH: 2.60 m										

NOTES: Logged by EGL staff.
Refusal at 2.6m.
Groundwater at 1.7m.

LOGGED: JF
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024
TESTPIT No: EGLTP04		Photographed by: J. Frengley	



Testpit at completion. Max depth 2.6m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: EGLTP05

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND: 750.4m
DATUM: NZVD2016
DATE: 31/05/2024
TESTPIT DEPTH: 0.9m
COORDINATES: East 1318484.2 North 5016162.8
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane	FIELD TESTS
TS	Organic SILT; dark brown. Moist, soft, low plasticity.	750.4 0.1	TS		D	L			Groundwater Not Encountered	50 100 150	
Quaternary Deposits	Silty GRAVEL; light greyish brown. Dry, loose, non-plastic. Clast supported. Gravels; fine to coarse, angular to subangular, derived from schist. (Holocene Landslide Deposits)	750.3 0.6									
TZ4	Bouldery CLAY; dark grey. Saturated, hard, moderate plasticity. Foliation and mica structures visible. Matrix supported. Boulders; up to 350mm, boulders angular to subangular schist (Completely weathered schist)	749.8 0.9				H					

EOH: 0.90 m

NOTES: Logged by EGL staff.
Refusal at 0.9m
Groundwater not encountered.

LOGGED: JF
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024

TESTPIT No: EGLTP05 | Photographed by: J. Frengley



Testpit at completion. Max depth 0.9m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: EGLTP06

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND: 741.7m
DATUM: NZVD2016
DATE: 31/05/2024
TESTPIT DEPTH: 2.4m
COORDINATES: East 1318625.2 North 5016210.1
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ●Field Vane (BS 1377) ○Remoulded Field Vane (50 100 150)	FIELD TESTS
Quarternary Deposits	Organic SILT; dark brown. Moist, soft, low plasticity.	741.7			M						
	Gravelly SILT with some clay minor sand; brownish grey. Dry, very stiff, low plasticity. Clast supported. Gravels; fine to coarse angular to subangular, derived from quartz rich schist. (Alluvial Fan)	0.9			D	VSt					
	GRAVEL with some silt and cobbles minor clay; greyish brown. Moist, medium dense, non-plastic. Clast supported. Gravels; fine to coarse angular to subangular, derived from quartz rich schist. Cobbles; up to 140mm angular to subangular, derived from schist. (Alluvial Fan) 0.9m - 1.5m: Gradational changes	740.8		1	M						
	Gravelly COBBLES with some silt minor clay; brownish grey. Wet, medium dense, non-plastic. Clast supported. Gravels; fine to coarse angular to subangular, derived from schist. Cobbles; up to 120mm angular to subangular, derived from schist. (Alluvial Fan)	1.5 / 740.2			W	MD			2.20m, 31/05/2024		
	GRAVEL with some cobbles trace silt; grey. Saturated, medium dense, non plastic. Clast supported. Gravels; fine to coarse, angular to subangular, derived from schist. Cobbles; up to 140mm, angular to subangular, derived from schist. (Alluvial Fan)	2.0 / 739.7		2	S						
TZ3	Bouldery CLAY; dark grey. Saturated, hard, moderate plasticity. Foliation and mica structures visible. Matrix supported. Boulders; up to 350mm, boulders angular to subangular schist (Completely weathered schist)	2.2 / 739.5				H					
		2.4	EOH: 2.40 m								

NOTES: Logged by EGL staff.
Refusal at 2.4m
Groundwater at 2.2m.

LOGGED: JF
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024

TESTPIT No: EGLTP06

Photographed by: J. Frengley



Testpit at completion. Max depth 2.4m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: EGLTP07

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND: 754.9m
DATUM: NZVD2016
DATE: 30/05/2024
TESTPIT DEPTH: 2.4m
COORDINATES: East 1318837.5 North 5015973.8
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ●Field Vane (BS 1377) ○Remoulded Field Vane	FIELD TESTS
TS	Organic SILT; dark brown. Moist, firm, low plasticity.	754.9 / 0.1	TS		M						
Quarternary Deposits	Silty GRAVEL with some sand and trace cobbles; light brownish grey. Clast supported. Dry, loose, non-plastic. Gravels; medium to coarse, angular to subangular, derived from schist; Cobbles; up to 120mm, angular to subangular, derived from schist. (Alluvial Fan)	754.8			D				Groundwater Not Encountered	50 100 150	
	Moist and brownish grey.	0.9 / 754.0		1	M	L					
TZ3	Bouldery CLAY; dark grey. Saturated, hard, moderate plasticity. Foliation and mica structures visible. Matrix supported. Boulders; up to 380mm, boulders angular to subangular schist (Completely weathered schist)	2.2 / 752.7		2	W	H					
	EOH: 2.40 m	2.4									

NOTES: Logged by EGL staff.
Refusal at 2.4m
Groundwater not encountered.

LOGGED: JF
CHECKED: PC
EXCAVATOR: 20T Excavator

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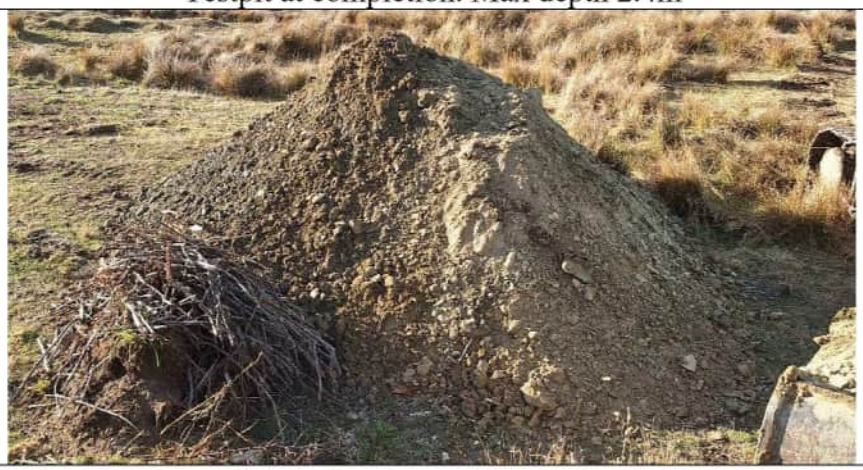
Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024
TESTPIT No: EGLTP07		Photographed by: J. Frengley	



Testpit at completion. Max depth 2.4m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: EGLTP08

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
DATE: 30/05/2024
LOCATION: Bendigo Ophir Stations
TESTPIT DEPTH: 2.9m
RL GROUND: 754.9m
COORDINATES: East 1318895.2 North 5015999.4
DATUM: NZVD2016
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane (50 100 150)	FIELD TESTS
TS	Organic SILT; dark brown. Moist, firm, low plasticity.	754.9 / 0.1	TS								
Quarternary Deposits	Silty GRAVEL with some sand and trace cobbles; brownish grey. Moist, loose, non-plastic. Clast supported. Gravels; fine to coarse, angular to subangular, derived from schist. (Alluvial Fan)	754.8									
	Moist and brownish grey.	0.6 / 754.3		1	M	L			Groundwater Not Encountered		
	Wet and dark brownish grey.	1.4 / 753.5									
	Silty COBBLES with minor gravel; grey. Wet, dense, non-plastic. Clast supported. Gravels; medium to coarse, angular to subangular, derived from schist. Cobbles; up to 150mm, angular to subangular, derived from schist (Alluvial Fan)	1.9 / 753.0		2	W	MD					
TZ3	Silty CLAY; dark grey. Wet, hard, moderate plasticity. Foliation and mica structures visible (Completely weathered schist)	2.8 / 752.1				H					
	EOH: 2.90 m	2.9									

NOTES: Logged by EGL staff.
Refusal at 2.9m
Groundwater not encountered.

LOGGED: JF
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024
TESTPIT No: EGLTP08		Photographed by: J. Frengley	



Testpit at completion. Max depth 2.9m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: EGLTP09

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND: 761.0m
DATUM: NZVD2016
DATE: 30/05/2024
TESTPIT DEPTH: 1.3m
COORDINATES: East 1318988.0 North 5016000.6
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ●Field Vane (BS 1377) ○Remoulded Field Vane 50 100 150	FIELD TESTS
TS	Organic SILT; dark brown. Moist, firm, low plasticity.	761.0 0.2	TS								
Quarternary Deposits	Gravelly SILT with some clay and minor sand; brownish grey. Moist, stiff, low plasticity. Clast supported. Gravels; fine to coarse angular to subangular, derived from quartz rich schist. (Alluvial Fan)	760.8 0.7			M	St			Groundwater Not Encountered		
	Silty GRAVEL with minor cobbles and trace boulders; brownish grey. Moist, dense, non-plastic. Clast supported. Gravels; medium to coarse, angular to subangular, derived from schist. Cobbles; up to 120mm, angular to subangular, derived from schist. Boulders up to 300mm, angular to subangular, derived from schist. (Alluvial Fan)	760.3 1.2		1		D					
TZ	Bouldery CLAY; dark grey. Saturated, hard, moderate plasticity. Foliation and mica structures visible. Matrix supported. Boulders; up to 350mm, boulders angular to subangular schist (Completely weathered schist)	759.8 1.3				H					
	EOH: 1.30 m										

NOTES: Logged by EGL staff.
Refusal at 1.3m.
Groundwater not encountered.

LOGGED: JF
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024
TESTPIT No: EGLTP09		Photographed by: J. Frengley	



Testpit at completion. Max depth 1.3m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: EGLTP10

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND: 759.3m
DATUM: NZVD2016
DATE: 30/05/2024
TESTPIT DEPTH: 2.7m
COORDINATES: East 1319080.1 North 5015894.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane	FIELD TESTS
TS	Organic SILT; dark brown. Moist, firm, low plasticity.	759.3 / 0.1	TS								
Quarternary Deposits	Gravelly SILT some clay minor sand; brownish grey with reddish brown layers. Moist, stiff, low plasticity. Matrix supported. Gravels; fine to coarse, angular to subangular, derived from quartz rich schist. (Alluvial Fan) 0.3m - 0.5m: Black organic layers up to approximately 50mm thick present	759.2 / 0.7			M	St					
	Sandy SILT with some gravel; light brown mottled reddish brown. Moist, stiff, low plasticity. Gravels; fine to medium, angular to subangular, derived from quartz rich schist. (Alluvial Fan)	758.6 / 1.4		1							
	Silty GRAVEL with trace cobbles; brownish grey. wet, medium dense, non-plastic. Clast supported. Gravels; fine to coarse, angular to subangular, derived from schist. Cobbles; up to 140mm, angular to subangular, derived from schist. (Alluvial Fan)	757.9 / 1.8				MD					
	COBBLES with some silt trace sand and gravel; grey. Wet, dense, non-plastic. Clast supported. Gravels; fine to coarse, angular to subangular derived from schist. Cobbles; up to 150mm, angular to subangular derived from schist. (Alluvial Fan)	757.5 / 2.6		2	W	D			2.00m, 30/05/2024		
TZ	Bouldery CLAY; dark grey. Saturated, hard, moderate plasticity. Foliation and mica structures visible. Matrix supported. Boulders; up to 300mm, boulders angular to subangular schist (Completely weathered schist)	756.7 / 2.7			S	H					

EOH: 2.70 m

NOTES: Logged by EGL staff.
Refusal at 2.7m.
Groundwater at 2.0m.

LOGGED: JF
CHECKED: PC
EXCAVATOR: 20T Excavator

EGL - Hand Auger - Test Pit v8 - 1/11/2024 11:51:11 am - Produced with Core-GS by Geroc

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024
TESTPIT No: EGLTP10		Photographed by: J. Frengley	



Testpit at completion. Max depth 2.7m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: EGLTP11

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND: 825.5m
DATUM: NZVD2016
DATE: 30/05/2024
TESTPIT DEPTH: 0.4m
COORDINATES: East 1318905.6 North 5015708.8
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ●Field Vane (BS 1377) ○Remoulded Field Vane 50 100 150	FIELD TESTS
TS	Organic SILT; dark brown. Moist, firm, low plasticity.	825.5	TS		M				dwater Not Encou		
TZ4	Bouldery CLAY; dark grey. Saturated, hard, moderate plasticity. Foliation and mica structures visible. Matrix supported. Boulders; up to 300mm, boulders angular to subangular schist (Completely weathered schist)	0.2 825.3				H					
	EOH: 0.40 m	0.4									

NOTES: Logged by EGL staff.
Refusal at 0.4m.
Groundwater not encountered.

LOGGED: JF
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024
TESTPIT No: EGLTP11		Photographed by: J. Frengley	



Testpit at completion. Max depth 0.4m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: EGLTP12

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND: 825.5m
DATUM: NZVD2016
DATE: 30/05/2024
TESTPIT DEPTH: 0.3m
COORDINATES: East 1318819.0 North 5015847.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ●Field Vane (BS 1377) ○Remoulded Field Vane 50 100 150	FIELD TESTS
TS	Organic SILT; dark brown. Moist, firm, low plasticity.	825.5	TS		M	F			Water Not Encl		
		0.2									
	Bouldery CLAY; dark grey. Saturated, hard, moderate plasticity. Foliation and mica structures visible. Matrix supported. Boulders; up to 350mm, boulders angular to subangular schist (Completely weathered schist)	825.3				H					
		0.3	EOH: 0.30 m								

NOTES: Logged by EGL staff.
Refusal at 0.3m.
Groundwater not encountered.

LOGGED: JF
CHECKED: PC
EXCAVATOR: 20T Excavator

EGL - Hand Auger - Test Pit v8 - 1/11/2024 11:51:12 am - Produced with Core-GS by Geroc

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024
TESTPIT No: EGLTP012		Photographed by: J. Frengley	



Testpit at completion. Max depth 0.3m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: MTP01

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 28/08/2024
TESTPIT DEPTH: 6.0m
COORDINATES: East 1316670.6 North 5018867.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ●Field Vane (BS 1377) ○Remoulded Field Vane	FIELD TESTS
TS	Fine sandy SILT with minor clay; dark brownish black. Moist, soft, low plasticity.	0.0 / 0.3			M	S					
Alluvium	Silty GRAVEL with trace clay; dark brownish black. Moist, hard, low plasticity. Gravel; medium, subangular. (Alluvial Fan)	-0.3 / 0.4				H					
	Fine sandy SILT with minor gravel and trace clay; light brown. Dry, hard, low plasticity. Gravel; medium, subrounded to subangular. (Alluvial Fan)	-0.4 / 1.0		1							
	SILT with minor clay; light brown. Dry, stiff, low plasticity. (Alluvial Fan)	-1.0 / -1.1				St					
	GRAVEL with minor Cobbles and Boulders; dark grey. Dry, loose, non plastic. Gravel; medium to coarse, subrounded. Cobbles; subrounded to subangular. Boulders up to 300mm, subrounded to subangular. (Alluvial Fan)			2	D	L					
				3							
				4							
				5							
	CLAY with minor silt and trace gravel; dark orange. Saturated, very soft, moderate plasticity. gravel; fine, angular. (Alluvial Fan)	5.4 / -5.4 / 5.6			S	VS			5.6m, 01/01/2024		
	CLAY trace gravels; dark bluish white. Saturated, soft, highly plastic. Gravel; fine, slightly weathered, angular. (Alluvial Fan)	-5.6 / 6.0				St					

EOH: 6.00 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Target depth at 6.0m.
Groundwater at 5.6m.

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024

TESTPIT No: MTP001 | Photographed by: F. Schmit



Testpit at completion. Max depth 6m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: MTP02

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 28/08/2024
TESTPIT DEPTH: 6.0m
COORDINATES: East 1316356.0 North 5018713.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane	FIELD TESTS
TS	Fine sandy organic SILT; light greenish brown. Soft, dry, low plasticity.	0.0 / 0.2	TS			S					
Alluvium	Fine sandy GRAVEL; light reddish brown. Dry, loose, non plastic. Gravel; medium to coarse, subrounded to subangular. (Holocene Landslide Deposits)	-0.2 / 0.5									
	Fine sandy GRAVEL; light reddish brown. Dry, loose, non plastic. Gravel; medium to coarse, subrounded to subangular. (Holocene Landslide Deposits)	-0.5 / 2.1		1	D	L					
	Clayey SILT; Firm, moist, moderately plasticity. (Holocene Landslide Deposits)	2.2 / -2.2		2		F					
	Clayey SILT with minor medium Gravel; dark greenish gray. Moist, medium dense, moderate plasticity. Gravel; medium to coarse, subrounded to subangular (Holocene Landslide Deposits)	3.0 / -3.0		3	M						
	Coarse GRAVEL cobbles and boulders; dark greenish gray. Saturated, loose, non plastic. Gravel; medium to coarse, subrounded to subangular. Cobbles; subrounded to subangular. Boulders up to 350mm, subangular. (Holocene Landslide Deposits)	6.0		4	S	L			4.0m, 01/01/2024		
				5							

EOH: 6.00 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Target depth at 6.0m.
Groundwater at 4.0m.

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024
TESTPIT No: MTP002		Photographed by: F. Schmit	



Testpit at completion. Max depth 6m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: MTP03

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 28/08/2024
TESTPIT DEPTH: 4.0m
COORDINATES: East 1316387.0 North 5018772.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane	FIELD TESTS
TS	Organic SILT; light brown. Dry, loose, non plastic.	0.0 / 0.4	TS		D	L					
Alluvium	Fine sandy SILT with minor clay; light greenish brown. Dry, firm, moderately plasticity. (Alluvial Fan)	-0.4 / 0.7									
Alluvium	Fine sandy SILT with minor clay; light green. Moist, Firm, moderate plasticity. (Alluvial Fan)	-0.7 / 2.5		1 / 2	M	F					
Alluvium	Medium grained sandy GRAVEL with minor cobbles and boulders; dark greenish grey. Saturated, loose, non plastic. Gravel; Medium to coarse, subangular. Cobbles; subrounded to subangular. Boulders up to 350mm, subangular. (Alluvial Fan)	-2.5 / 3.1		3	S	L			3.0m, 01/01/2024		
TZ4	Cobbly SILT; dark green gray. Saturated, loose, low plasticity. Cobbles; Sub angular to angular. (Alluvial Fan)	-3.1 / 4.0									

EOH: 4.00 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Refusal at 4.0m
Groundwater at 3.0m.
Groundwater not encountered.

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024

TESTPIT No: MTP003 | Photographed by: F. Schmit



Testpit at completion. Max depth 4m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: MTP04

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 28/08/2024
TESTPIT DEPTH: 4.1m
COORDINATES: East 1316380.0 North 5018755.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane (50 100 150)	FIELD TESTS
S	Organic SILT trace clay dark brown. Moist, loose, low plasticity.	0.0 / 0.1			M	L					
	Fine to medium GRAVEL with minor clay and silt; light brown. Dry, loose, low plasticity. Gravel; fine to medium, subrounded to subangular. (Holocene Landslide Deposits)	-0.1 / 0.3									
	SILT with minor CLAY; light whitish green. Dry, Firm, low plasticity. (Holocene Landslide Deposits)	-0.3 / 1.0		1	D	F					
	Coarse gravelly SILT with minor fine sand; trace clay, light green. Dry, loose, low plasticity. Gravel; coarse, subrounded to subangular. (Holocene Landslide Deposits)	-1.0 / 1.5				L					
Alluvium	SILT with minor medium sand trace clay; light green. Moist, firm, low plasticity. (Holocene Landslide Deposits)	-1.5 / 3.0		2	M	F					
	Fine sandy GRAVEL with trace silt and clay; light gray brown. Moist, loose, low plasticity. Gravel; Medium, subangular. (Holocene Landslide Deposits)	-3.0 / 4.0		3		L					
N	Fine GRAVEL with minor sand trace silt and clay; dark gray. Moist, hard, low plasticity. Gravel; Fine, subangular.	-4.0		4		H					

EOH: 4.10 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Refusal at 4.1m.
Groundwater not encountered.

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024
TESTPIT No: MTP004		Photographed by: F. Schmit	



Testpit at completion. Max depth 4.1m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: MTP05

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 28/08/2024
TESTPIT DEPTH: 7.0m
COORDINATES: East 1316420.0 North 5018812.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane	FIELD TESTS
TS	Organic SILT; dark brown. Moist, loose, low plasticity.	0.0 0.2	TS								
Alluvium	Medium GRAVEL with minor silt; light whitish brown. Moist, loose, non plastic. Gravel; fine to medium, subrounded. (Holocene Landslide Deposits)	-0.2 2.5		1 2	M	L					
Alluvium	Fine sandy SILT with minor CLAY; light green. Dry, Firm, moderate plasticity. (Alluvial Fan)	-2.5 3.5		3							
Alluvium	Medium sandy GRAVEL; light grayish green. Dry, firm, low plasticity. Gravel; fine to medium, subrounded to subangular. (Alluvial Fan)	-3.5 6.5		4 5 6	D	F					
TZ3	Fine sandy CLAY with trace gravels, light orangish blue. Moist, very soft, moderate plasticity. Gravel; fine, subrounded to subangular. (Alluvial Fan)	-6.5 -6.6			M D	VS F					
	Medium sandy GRAVEL; light gray green. Dry, Firm, low plasticity. Gravel; fine to coarse, subangular.	7.0									
	EOH: 7.00 m										

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Target depth at 7.0m.
Groundwater not encountered.

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024
TESTPIT No: MTP005		Photographed by: F. Schmit	



Testpit at completion. Max depth 7m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: MTP06

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 28/08/2024
TESTPIT DEPTH: 7.0m
COORDINATES: East 1316414.0 North 5018801.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane	FIELD TESTS
TS	Fine sandy organic SILT; dark brown. Moist, loose low plasticity.	0.0 0.2	TS		M	L					
Alluvium	Organic CLAY trace fine gravels; light whitish brown. Dry, Firm, low plasticity. Gravel; fine, subrounded. (Holocene Landslide Deposits)	-0.2 1.2		1	D	F					
	Clayey SILT with minor gravels and trace cobbles, light greenish gray. Dry, firm, low plasticity. Gravels; fine to coarse, subangular. Cobbles; up to 150mm, subangular to angular. (Holocene Landslide Deposits)	-1.2 2.2		2							
	Bouldery COBBLES; Light green. Wet, very dense, non plastic. Cobbles; up to 200mm, subangular to angular. Boulders up to 250mm, subangular to angular. (Alluvial Fan)	-2.2		3	W	VD			5.0m, 01/01/2024		
		7.0		4 5 6							

EOH: 7.00 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Target depth at 7.0m.
Groundwater at 5.0m.

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024
TESTPIT No: MTP006		Photographed by: F. Schmit	



Testpit at completion. Max depth 7m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: MTP07

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 28/08/2024
TESTPIT DEPTH: 6.0m
COORDINATES: East 1316356.4 North 5018866.5
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane (50 100 150)	FIELD TESTS
TS	Organic SILT with minor medium Gravel trace clay; dark brown. Moist, loose, low plasticity.	0.0 / 0.2	TS		M	L					
Alluvium	Coarse sandy GRAVEL; dark brown red. Dry, firm, low plasticity. Gravel; fine to medium, subangular. (Holocene Landslide Deposits)	-0.2		1	D	F					
Alluvium	Coarse GRAVEL with minor clay; light gray green. Dry, dense, non plastic. Gravel; coarse, subrounded to subangular. (Alluvial Fan)	2.2 / -2.2		2		D					
Alluvium	Fine sandy COBBLES with minor medium gravel; light gray. Dry, loose, low plasticity. Gravels; fine to coarse, subangular. Cobbles; up to 150mm, subangular to angular. (Alluvial Fan)	3.5 / -3.5		3		L					
Alluvium	Clayey SILT trace medium gravels; light gray blue. Dry, firm, moderate, plasticity. Gravel; fine to medium, subrounded to subangular. (Alluvial Fan)	5.0 / -5.0		4		F					
TZ3	GRAVEL with minor silt; light gray. Dry, hard, non plastic. Gravel; fine to medium, subrounded to subangular.	-5.1 / 6.0		5		H					

EOH: 6.00 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Refusal at 6.0m
Groundwater not encountered.

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024
TESTPIT No: MTP007		Photographed by: F. Schmit	



Testpit at completion. Max depth 6m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: MTP08

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 28/08/2024
TESTPIT DEPTH: 5.0m
COORDINATES: East 1316041.0 North 5019118.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane	FIELD TESTS
TS	Organic SILT; dark brown. Moist, soft, low plasticity.	0.0 / 0.3	TS		M	S					
Alluvium	Medium sandy organic SILT with minor clay; light brown. Dry, Firm, low plasticity. (Holocene Landslide Deposits)	-0.3 / 1.0		1		F					
	GRAVEL with minor clay; light grayish brown. Dry, hard, low plasticity. Gravel; fine to medium, subrounded to subangular. (Holocene Landslide Deposits)	-1.0 / 3.6		2	D	H					
	CLAY with minor silt trace gravel, light gray white. Moist, firm, low plasticity. Gravel; fine, subrounded to subangular. (Alluvial Fan)	-3.6 / 3.8		3		F					
	CLAY with minor fine sand and trace gravel; white. Moist, hard, low plasticity. Gravel; fine, subrounded to subangular. (Alluvial Fan)	-3.8 / 4.0			M	H					
	COBBLES and BOULDERS with minor coarse sand; light gray. Saturated, loose, non plastic. Cobbles; up to 200mm, subangular to angular. Boulders up to 250mm, subangular to angular. (Alluvial Fan)	-4.0 / 4.5		4	S	L			4.5m, 01/01/2024		
	GRAVEL with minor medium top coarse sand; light orangish brown. Moist, dense, non plastic. Gravel; fine to medium, subrounded to subangular. (Alluvial Fan)	-4.5 / 5.0			M	D					
	EOH: 5.00 m										

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Refusal at 5.0
Groundwater at 4.5m

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

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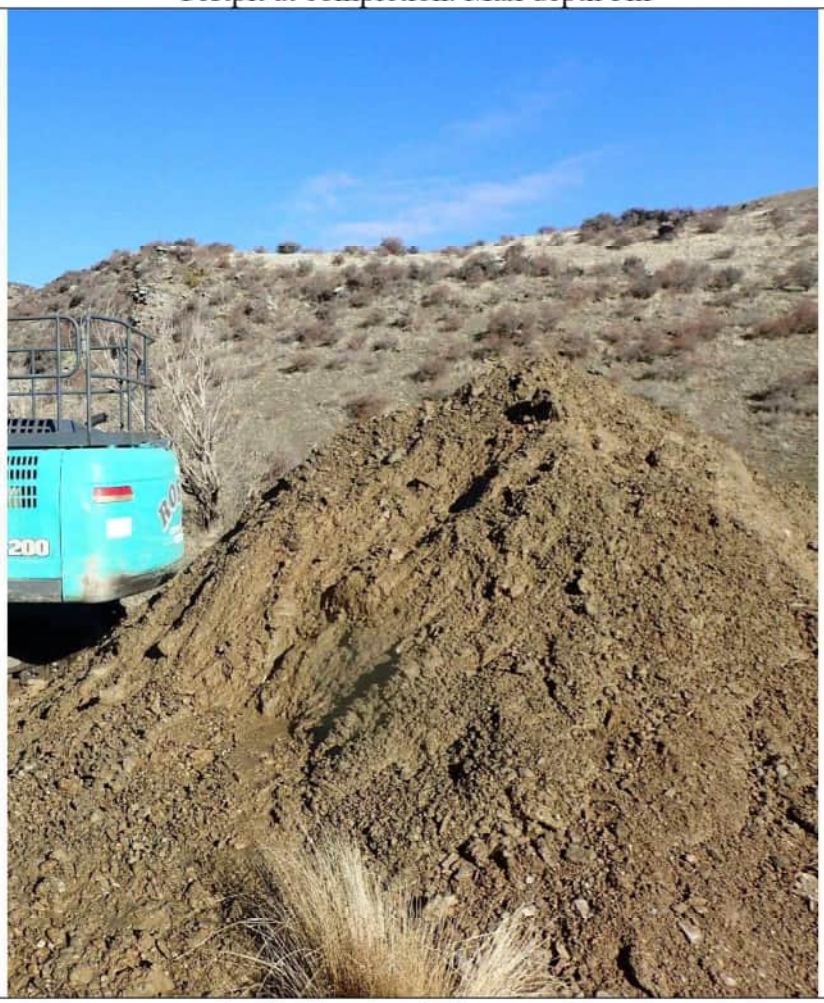
Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024
TESTPIT No: MTP008		Photographed by: F. Schmit	



Testpit at completion. Max depth 5m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: MTP09

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 28/08/2024
TESTPIT DEPTH: 7.0m
COORDINATES: East 1316100.0 North 5019058.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane (50 100 150)	FIELD TESTS
TS	Organic SILT with minor fine sand; dark brown. Moist, Firm, low plasticity.	0.0 / 0.3	TS		M	F					
Alluvium	Coarse GRAVEL with minor medium gravel and organic silt; light brown. Dry, loose, non plastic. Gravel; fine to coarse, subrounded. (Holocene Landslide Deposits)	-0.3 / 1.0				L					
	Medium coarse GRAVEL with minor fine sand; light whitish yellow. Dry, medium dense, non plastic. Gravel; fine to coarse, subrounded. (Holocene Landslide Deposits)	-1.0 / 1.3		1							
	Medium sandy GRAVEL; light whitish brown. Dry, medium dense, non plastic. Gravel; fine to medium, subrounded. (Holocene Landslide Deposits)	-1.3 / 2.0				MD					
	Coarse GRAVEL and COBBLES minor clay; light grey. Dry, firm, low plasticity. Gravel; coarse, subangular. Cobbles; up to 120mm, subrounded to subangular. (Alluvial Fan)	-2.0 / 5.0		2 3 4	D	F					
	GRAVEL; Dark grey. Saturated, loose, non plastic. Gravel; medium to coarse, subrounded to angular. (Alluvial Fan)	-5.0 / 6.4		5 6	S	L			5.0m, 01/01/2024		
	CLAY silt; dark bluish white. Moist, stiff, highly plasticity. (Alluvial Fan)	6.4 / 6.5			M	St					
	GRAVEL fine sand; dark grayish orange. Dry, dense, non plastic. Gravel; fine to medium, subrounded. (Alluvial Fan)	-6.5 / 7.0			D	D					

EOH: 7.00 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Target depth at 7.0m.
Groundwater at 5.0m.

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024
TESTPIT No: MTP009		Photographed by: F. Schmit	



Testpit at completion. Max depth 7m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: MTP10

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 28/08/2024
TESTPIT DEPTH: 7.0m
COORDINATES: East 1315960.0 North 5019155.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ●Field Vane (BS 1377) ○Remoulded Field Vane	FIELD TESTS
TS	Organic SILT; trace clay, dark brown. Moist, Loose, low plasticity.	0.0 / 0.3			L					
Alluvium	Silty CLAY with minor fine sand; dark brown and yellow. Moist, firm, low plasticity. (Holocene Landslide Deposits)	-0.3 / 1.2	1							
	CLayey SILT with minor medium gravel, dark yellowish white. Moist, firm, moderate plasticity. Gravel; fine to medium, subrounded. (Alluvial Fan)	-1.2 / 2.2	2	M	F					
	CLAY with minor coarse gravel; dark orangish brown. Moist, very soft, low plasticity. Gravel; coarse, subrounded. (Alluvial Fan)	-2.2 / 3.4	3		VS					
	Silt CLAY; light gray. Dry, firm, low plasticity. (Alluvial Fan)	-3.4 / 3.6		D	F					
	CLAY minor coarse gravel; dark orange brown. Moist, very soft, low plasticity. Gravel; coarse, subrounded. (Alluvial Fan)	-3.6 / 5.5	4 5	M	VS					
	CLAY; dark blue. Saturated, very stiff, high plasticity. (Alluvial Fan)	-5.5 / 7.0	6	S	VSt			7.0m, 01/01/2024		

EOH: 7.00 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Target depth at 7.0m.
Groundwater at 7.0m.

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024
TESTPIT No: MTP010		Photographed by: F. Schmit	



Testpit at completion. Max depth 7m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: MTP11

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 28/08/2024
TESTPIT DEPTH: 5.0m
COORDINATES: East 1315942.0 North 5019119.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane	FIELD TESTS
TS	Organic SILT with minor coarse sand; dark brownish, gray. Moist, loose, low plasticity.	0.0 / 0.2	TS			L					
Alluvium	Silty CLAY; dark greenish gray. Moist, firm, moderately plasticity. (Alluvial Fan)	-0.2 / 2.0		1	M	F					
	COBBLES and BOULDERS with minor Gravel: Medium to course, dark gray. Wet, loose, low plasticity. Gravel; medium to coarse, subrounded. Cobbles; subrouned to subangular. Boulders up to 250mm, subrounded to subangular. (Alluvial Fan)	-2.0 / 3.8		2 3	W	L			3.40m, 01/01/2024		
	GRAVEL with minor clay; dark grayish orange. Saturated, hard, low plasticity. Gravel; coarse, subangular. (Alluvial Fan)	-3.8 / 5.0		4	S	H					

EOH: 5.00 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Refusal at 5.0m.
Groundwater at 3.8m.

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024
TESTPIT No: MTP011		Photographed by: F. Schmit	



Testpit at completion. Max depth 5m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: MTP12

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 28/08/2024
TESTPIT DEPTH: 6.0m
COORDINATES: East 1316133.0 North 5018989.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane	FIELD TESTS
Alluvium	Fine sandy organic SILT; light brown. Moist, loose, low plasticity.	0.0 / 0.1 / 0.2				L					
	Gravelly Coarse sand; light gray. Moist, loose, none plasticity. Gravel; fine to medium, subangular. (Alluvial Fan)	-0.2									
	Silt CLAY with minor medium gravel; light whitish yellow. Moist, firm, moderate plasticity. Gravel; medium, subangular. (Alluvial Fan)			1	M	F					
	Clayey SILT with minor fine sand; darkish greenish white. Moist, firm, low plasticity. (Alluvial Fan)	2.2 / -2.2		2							
				3					3.6m, 01/01/2024		
	Bouldery COBBLES with minor coarse gravel; dark gray. Saturated, loose, non plastic. Gravel; coarse, subangular. Cobbles; subangular to angular. Boulders; up to 300mm, subangular. (Alluvial Fan)	3.7 / -3.7		4	S	L					
		6.0		5							

EOH: 6.00 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Target depth at 6.0m.
Groundwater at 3.5m.

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024
TESTPIT No: MTP012		Photographed by: F. Schmit	



Testpit at completion. Max depth 6m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: MTP13

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 28/08/2024
TESTPIT DEPTH: 6.5m
COORDINATES: East 1316232.0 North 5018841.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane	FIELD TESTS
TS	Fine sandy organic SILT; whitish brown. Dry, loose, non plastic.	0.0	TS			L					
Alluvium	Cobbly GRAVEL with trace clay; light whitish yellow. Dry, hard, low plasticity. Gravel; medium to coarse, subangular. Cobbles up to 150mm, subrounded to subangular. (Alluvial Fan)	0.5 / -0.5		1 2 3 4 5 6	D	H					
	EOH: 6.50 m	6.5									

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Target depth at 6.5m.
Groundwater not encountered.

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024
TESTPIT No: MTP013		Photographed by: F. Schmit	



Testpit at completion. Max depth 6.5m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: MTP14

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 28/08/2024
TESTPIT DEPTH: 6.5m
COORDINATES: East 1316087.0 North 5019006.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane	FIELD TESTS
TS	Medium sandy organic SILT; dark brown. Moist, firm, non plastic.	0.0 / 0.2			M	F					
Alluvium	Cobbly GRAVEL; light brownish white. Dry, loose, non plastic. Gravel; medium to coarse, subangular to angular. Cobbles; up to 175mm, subangular to angular. (Holocene Landslide Deposits)	-0.2 / 2.5		1	D	L					
	Cobbly GRAVEL with minor coarse sand; light whitish brown. Dry, medium dense, non plastic. Gravel; coarse, subangular to angular. Cobbles; up to 120mm, subangular to angular. (Holocene Landslide Deposits)	-2.5 / 3.2		2		F					
	Cobbly GRAVEL with minor clay; light brownish white. Moist, stiff, moderate plasticity. Gravel; coarse, subangular to angular. Cobbles; up to 120mm, subangular to angular. (Alluvial Fan)	-3.2 / 4.0		3							
	Cobbly GRAVEL; light whitish brown. Moist, stiff, low plasticity. Gravel; medium to coarse, subangular to angular. Cobbles; up to 150mm, subangular to angular. (Alluvial Fan)	-4.0 / 5.5		4	M	St					
	CLAY with minor fine sand; light bluish orange. Wet, very soft, moderate plasticity. (Alluvial Fan)	-5.5 / 6.0		5							
	CLAY with minor gravel; light bluish white. Wet, very soft, high plasticity. Gravel; coarse, subangular to angular. (Alluvial Fan)	-6.0 / 6.5		6	W	VS			6.2m, 01/01/2024		

EOH: 6.50 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Target depth at 6.5m.
Groundwater at 6.2m.

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024
TESTPIT No: MTP014		Photographed by: F. Schmit	



Testpit at completion. Max depth 6.5m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: MTP15

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 28/08/2024
TESTPIT DEPTH: 4.5m
COORDINATES: East 1316144.0 North 5018940.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane	FIELD TESTS
TS	TOPSOIL, with minor silt; dark brown. Moist, soft, non plastic.	0.0 0.2	T$			S					
Alluvium	SILT with minor clay; light greenish brown. Moist, very soft, moderate plasticity. (Alluvial Fan)	-0.2 2.0		1	M	VS					
	Clayey SILT; light orangish blue. Moist, very soft, moderate plasticity. (Alluvial Fan)	-2.0 2.6		2							
	Cobbly coarse SAND with minor gravel; light gray. Saturated, stiff, low plasticity. Gravel; coarse, subangular to angular. Cobbles; up to 120mm, subangular to angular. (Alluvial Fan)	-2.6 4.5		3 4	S	St			3.4m, 01/01/2024		

EOH: 4.50 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Refusal at 4.5m.
Groundwater at 3.2m.

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024
TESTPIT No: MTP015		Photographed by: F. Schmit	



Testpit at completion. Max depth 4.5m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: MTP16

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 28/08/2024
TESTPIT DEPTH: 6.5m
COORDINATES: East 1316288.0 North 5018828.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane	FIELD TESTS
TS	Organic SILT; dark brown. Moist, very soft, low plasticity.	0.0 / 0.2	TS		M	VS					
Alluvium	SILT with minor clay; light yellowish white. Dry, soft, low plasticity. (Alluvial Fan)	-0.2 / 1.0		1	D	S					
	SILT with minor find sand; light greenish white. Dry, very soft, low plasticity. (Alluvial Fan)	-1.0 / 2.0		2		VS					
	Gravelly fine to coarse SAND; light brown. Moist, very stiff, non plastic. Gravel; fine to medium, sugangular. (Alluvial Fan)	-2.0 / 5.4		3 4 5	M	VSt					
	COBBLES and BOULDERS with minor fine gravel; dark gray, yellow. Saturated, medium dense, non plastic. Gravel; fine to coarse; subrounded to subangular. Cobbles; subrounded to subangular. Boulders up to 250mm, subrounded. (Alluvial Fan)	-5.4 / 6.1		6	S	MD			6.0m, 01/01/2024		
	CLAY with minor gravel; dark blackish orange. Moist, very stiff, high plasticity. Gravel; coarse, subrounded. (Alluvial Fan)	-6.1 / 6.5			M	VSt					

EOH: 6.50 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Target depth at 6.5m.
Groundwater at 6.0m.

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

EGL - Hand Auger - Test Pit v9 - 9/04/2026 12:08:42 pm - Produced with Core-GS by Geroc

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024

TESTPIT No: MTP016 | Photographed by: F. Schmit



Testpit at completion. Max depth 6.5m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: MTP17

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 28/08/2024
TESTPIT DEPTH: 1.0m
COORDINATES: East 1316345.0 North 5018779.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane	FIELD TESTS
TS	Organic SILT; with minor fine sand, dark brown. Dry, very wet, non plastic.	0.0 / 0.2	TS								
Alluvium	Fine to medium sandy SILT; light yellowish white. Dry, very soft, low plasticity. (Holocene Landslide Deposits)	-0.2 / 1.0			D	VS					

EOH: 1.00 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Refusal at 1.0m.
Groundwater not encountered.

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

EGL - Hand Auger - Test Pit v9 - 9/04/2026 12:08:43 pm - Produced with Core-GS by Geroc

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024
TESTPIT No: MTP017		Photographed by: F. Schmit	



Testpit at completion. Max depth 1m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: MTP18

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 28/08/2024
TESTPIT DEPTH: 6.5m
COORDINATES: East 1316358.0 North 5018814.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ●Field Vane (BS 1377) ○Remoulded Field Vane	FIELD TESTS
TS	Organic SILT with minor medium sand; light grayish brown. Moist, very soft, non plastic.	0.0 / 0.2	T$			VS					
Alluvium	Coarse SAND with minor gravel; light gray. Moist, loose, low plasticity. Gravel; fine to medium, subrounded to subangular. (Alluvial Fan)	-0.2 / 1.0		1		L					
	SILT with minor clay; yellowish white. Moist, soft, moderate plasticity. (Alluvial Fan)	-1.0 / 1.3				S					
	SILT with minor clay; dark gray. Moist, soft, moderate plasticity. (Alluvial Fan)	-1.3 / 1.7			M						
	Gravelly Medium to corase SAND with minor silt; grayish white. Moist, loose, non plastic. Gravel; fine to medium, subrounded. (Alluvial Fan)	-1.7 / 2.1		2		L					
	SILT with minor clay; light whitish yellow. Moist, soft, moderate plasticity. (Alluvial Fan)	-2.1 / 2.8				S					
	GRAVEL with minor medium to coarse sand; light grayish brown. Moist, dense, non plastic. Gravel; fine to medium, subrounded. (Alluvial Fan)	-2.8 / 3.0		3		D					
	SILT with minor clay; light whitish yellow. Moist, soft, moderate plasticity. (Alluvial Fan)	-3.0 / 3.5				S					
	COBBLES and BOULDERS with minor gravel; light whitish grey. Saturated, medium dense, low plasticity. Gravel; fine to coarse; subrounded to subangular. Cobbles; subrounded to subangular. Boulders up to 250mm, subrounded. (Alluvial Fan)	-3.5 / 6.3		4 5 6	S	L			4.0m, 01/01/2024		
	CLAY with trace gravel; dark bluish orange. Saturated, loose, moderate plasticity. Gravel; coarse, subrounded to subangular. (Alluvial Fan)	-6.3 / 6.5				VS					
	EOH: 6.50 m										

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Target depth at 6.5m.
Groundwater at 4.0m.

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

EGL - Hand Auger - Test Pit v9 - 9/04/2026 12:08:43 pm - Produced with Core-GS by Geroc

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024
TESTPIT No: MTP018		Photographed by: F. Schmit	



Testpit at completion. Max depth 6.5m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: MTP19

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 28/08/2024
TESTPIT DEPTH: 2.5m
COORDINATES: East 1316306.0 North 5018800.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane	FIELD TESTS
TS	Organic SILT with minor medium sand; light gray, brown. Moist, very soft, non plastic.	0.0 0.2	T$		M	S			0.0 ▽ 28/08/24	50 100 150	
Alluvium	GRAVEL with minor medium sand; light whitish brown. Dry, dense, non plastic. Gravel; fine to coarse, subrounded to angular. (Holocene Landslide Deposits)	-0.2 1.0		1	D	D					
	SILT with minor fine sand and trace clay; light brownish gray. Dry, soft, low plasticity. (Holocene Landslide Deposits)	-1.0 1.5			D	S					
	GRAVEL with minor fine sand trace cobbles; light grayish white. Dry, hard, non plastic. Gravel; coarse, subangular to angular. Cobbles; up to 150mm, subrounded to angular. (Holocene Landslide Deposits)	-1.5 2.5		2		H					

EOH: 2.50 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Refusal at 2.5m.
Groundwater not encountered.

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

EGL - Hand Auger - Test Pit v9 - 9/04/2026 12:08:44 pm - Produced with Core-GS by Geroc

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024
TESTPIT No: MTP019		Photographed by: F. Schmit	



Testpit at completion. Max depth 2.5m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: MTP20

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 28/08/2024
TESTPIT DEPTH: 5.5m
COORDINATES: East 1316428.0 North 5018725.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane (50, 100, 150)	FIELD TESTS
Alluvium	Coarse GRAVEL with minor fine sand; dark brownish black. Moist, Loose, non plastic. Gravel; fine to coarse, subrounded. (Holocene Landslide Deposits)	0.0 / 0.2 / -0.2									
	GRAVEL with minor coarse sand; dark whitish brown. Moist, Loose, non plastic. Gravel; fine to coarse, subrounded. (Holocene Landslide Deposits)	0.5 / -0.5				L					
	Fine to coarse sandy GRAVEL; light grayish cream. Moist, Loose, non plastic. Gravel; fine to medium, subrounded. (Holocene Landslide Deposits)	1.0		1							
	SILT with minor fine sand trace clay; light brown. Moist, firm, moderately plasticity. (Holocene Landslide Deposits)	-1.0 / 1.6				F					
	Gravelly SILT with minor coarse sand trace clay; light greenish white. Moist, firm, low plasticity. Gravel; fine to medium, subrounded to subangular. (Holocene Landslide Deposits)	-1.9 / 1.7									
	Fine to medium SAND with minor silt; light greenish white. Moist, medium dense, non plastic. (Holocene Landslide Deposits)	-2.0 / 3.0		2 / 3	M						
	BOULDERS and COBBLES; light orangish brown. Moist, medium dense, non plastic. Cobbles; subrounded to angular. Boulders; up to 400mm, subrounded to angular. (Undifferentiated Quaternary landslide deposits)	-3.0 / 5.5		4 / 5		MD					

EOH: 5.50 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Refusal at 5.5m.
Groundwater not encountered.

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024
TESTPIT No: MTP020		Photographed by: F. Schmit	



Testpit at completion. Max depth 5.5m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: MTP21

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 28/08/2024
TESTPIT DEPTH: 2.5m
COORDINATES: East 1317720.0 North 5018320.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane	FIELD TESTS
Alluvium	Medium sandy organic SILT with minor medium gravel; light brown gray. Moist, Loose, non plastic.	0.0			M						
	Gravelly COBBLES with minor coarse sand; light brown gray. Dry, Loose, low plasticity. Gravel; coarse, subangular to angular. Cobbles; up to 150mm, subangular to angular. (Alluvial Fan)	-0.1 0.3 -0.3		1							
	Cobbley BOULDERS with minor gravel and trace clay; light gray. Dry, dense, non plastic. Gravel; coarse, subangular to angular. Cobbles; angular, platy. Boulders; angular platy. (Alluvial Fan)				D	L					
		2.5		2							

EOH: 2.50 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Refusal at 2.5m.
Groundwater not encountered.

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

EGL - Hand Auger - Test Pit v9 - 9/04/2026 12:08:45 pm - Produced with Core-GS by Geroc

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024
TESTPIT No: MTP021		Photographed by: F. Schmit	



Testpit at completion. Max depth 2.5m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: MTP22

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 28/08/2024
TESTPIT DEPTH: 5.5m
COORDINATES: East 1317605.0 North 5018412.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane	FIELD TESTS
Alluvium	Organic SILT some clay trace to some gravel; light brown. Moist, loose, low plasticity.	0.0 / 0.1				L					
	Gravelly fine to coarse SAND; light brown. Moist, dense, non plastic. Gravel; fine to medium, subrounded to subangular. (Alluvial Fan)	-0.1		1	M	D					
	PEAT with minor fine sand; trace clay dark brownish gray. Moist, soft, moderate plasticity. (Alluvial Fan)	2.4 / -2.4		2		S					
	COBBLES and BOULDERS minor silt and clay; dark greenish, gray. Saturated, hard, low plasticity. Cobbles; angular, platy. Boulders; angular platy. (Alluvial Fan)	2.8 / -2.8		3	S	H			3.8m, 01/01/2024		
		5.5		4							
	EOH: 5.50 m			5							

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Refusal at 5.5m.
Groundwater at 3.8m.

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

EGL - Hand Auger - Test Pit v9 - 9/04/2026 12:08:45 pm - Produced with Core-GS by Geroc

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024
TESTPIT No: MTP022		Photographed by: F. Schmit	



Testpit at completion. Max depth 5.5m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: MTP23

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 28/08/2024
TESTPIT DEPTH: 6.0m
COORDINATES: East 1316871.0 North 5018638.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane	FIELD TESTS
TS	Fine sandy organic SILT with minor medium gravel; light brown. Moist, loose, non plastic.	0.0 / 0.2	TS			L					
Alluvium	Clayey SILT with minor gravel; light greenish white. Moist, firm, moderate plasticity. Gravel; coarse, subangular. (Alluvial Fan)	-0.2 / 1.0		1		F					
	GRAVEL with minor fine sand trace clay; light gray. Moist, loose, low plasticity. Gravel; coarse, subangular. (Alluvial Fan)	-1.0 / -1.1									
	Clayey SILT with minor gravel; light greenish white. Moist, firm, moderate plasticity. Gravel; coarse, subangular. (Alluvial Fan)	1.6			M	L					
	Cobbly GRAVEL with minor fine to coarse sand and trace clay; light grayish white. Moist, hard, low plasticity. Gravel; fien to medium, subangular. (Alluvial Fan)	-1.6 / 3.0		2		H					
	COBBLES with minor Boulders; dark gray. Saturated, loose, non plastic. Cobbles; angular, platy. Boulders; angular platy. (Alluvial Fan)	-3.0 / 5.6		3					3.0m, 01/01/2024		
				4	S	L					
				5							
	CLAY with minor gravel; light orange. Wet, very soft, moderate plasticity. Gravel; coarse, angular. (Alluvial Fan)	-5.6 / 5.8			W	VS					
	GRAVEL with minor clay; light orange. Saturated, very soft, low plasticity. GRAVEL: coarse, Angular, unweathered, schist. (Alluvial Fan)	-5.8 / 6.0			S						
	EOH: 6.00 m										

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Target depth at 6.0m.
Groundwater at 3.0m.

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024
TESTPIT No: MTP023		Photographed by: F. Schmit	



Testpit at completion. Max depth 6m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: MTP24

SHEET 1 OF 2

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 28/08/2024
TESTPIT DEPTH: 7.5m
COORDINATES: East 1316764.0 North 5018601.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane (50 100 150)	FIELD TESTS
TS	Organic SILT with some medum gravel minor medium sand; light brown. Dry, loose, low plasticity.	0.0 / 0.2	TS			L					
Alluvium	Medium to coarse sandy GRAVEL; light brownish white. Dry, dense, non plastic. Gravel; fine to medium, subrounded to subangular. (Alluvial Fan)	-0.2 / 1.2		1		D					
	Fine sandy SILT with minor gravel; light whitish orange. Dry, firm, low plasticity. Gravel; fine to medium, subrounded to subangular. (Alluvial Fan)	-1.5 / 1.8				F					
	GRAVEL with minor sand; light whitish orange. Dry, hard, low plasticity. Gravel; fine to coarse, subrounded to subangular. (Alluvial Fan)	-1.8		2 3 4	D	H					
	Cobbly BOULDERS with minor fine sand; light white yellow. Dry, dense, non plastic. Cobbles; subrounded to subangular. Boulders; up to 250mm subrounded to subangular. (Undifferentiated Quaternary landslide deposits)	4.5 / -4.5		5 6 7		D					
		7.5									

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Target depth at 7.5m.
Groundwater not encountered.

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

EGL - Hand Auger - Test Pit v9 - 9/04/2026 12:08:46 pm - Produced with Core-GS by Geroc

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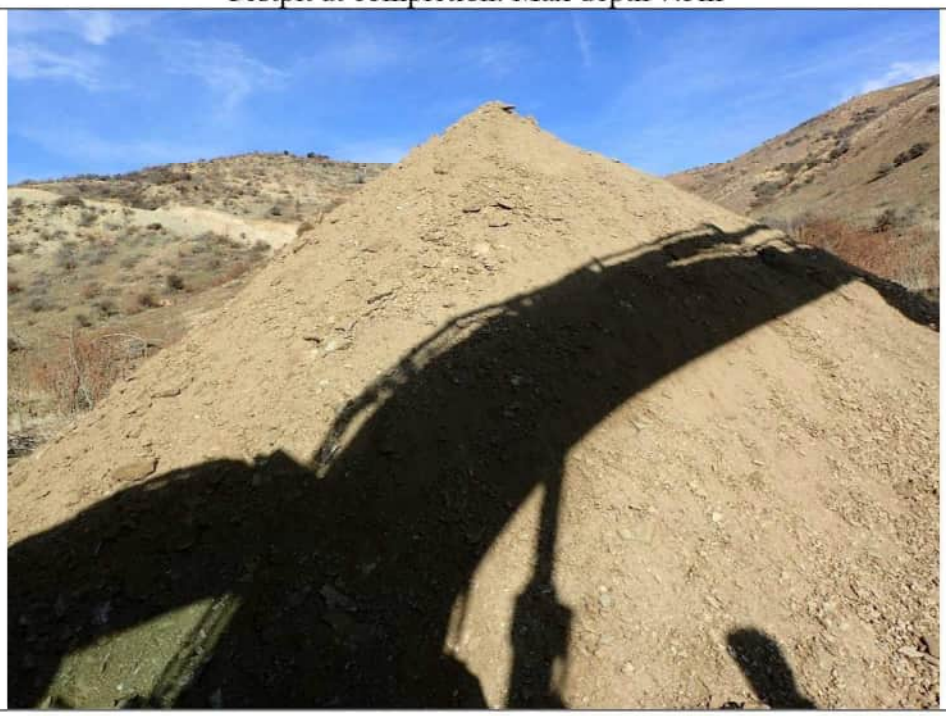
Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024
TESTPIT No: MTP024		Photographed by: F. Schmit	



Testpit at completion. Max depth 7.5m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: MTP25

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 28/08/2024
TESTPIT DEPTH: 4.5m
COORDINATES: East 1316746.0 North 5018646.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane	FIELD TESTS
Alluvium	Medium GRAVEL with minor medium sand; dark brown. Moist, loose, non plastic.	0.0 / 0.2								
	Medium to coarse GRAVEL with minor medium sand; light brownish red. Moist, loose, non plastic. Gravel; fine to coarse, subrounded to subangular. (Alluvial Fan)	-0.2 / 1.0	1	M	L					
	SILT with trace cobbles; light brownish white. Moist, soft, moderate plasticity. Cobbles; up to 120mm, subrounded. (Alluvial Fan)	-1.0 / 1.5			S					
	GRAVEL with minor fine to coarse sand; light gray. Moist, loose, non plastic. Gravel; fine to medium, subangular. (Alluvial Fan)	-1.5 / -1.6			L					
	Fine to coarse sandy GRAVEL; light grayish brown. Moist, loose, non plastic. Gravel; fine to medium, subangular. (Alluvial Fan)	2.0	2		S					
	SILT with minor cobbles; light brownish white. Moist, soft, moderate plasticity. Cobbles; up to 120mm, subrounded. (Alluvial Fan)	-2.0 / 2.2			F					
	CLAY silt with minor fine sand; dark green gray. Moist, firm, high plasticity. (Alluvial Fan)	-2.2 / 2.9								
	GRAVEL with minor medium sand; dark gray. Wet, hard, low plasticity. Gravel; fine to coarse, subangular. (Alluvial Fan)	-2.9 / 3.5	3	W	H			3.0m, 01/01/2024		
	SILT with minor fine sand; dark greenish gray. Wet, soft, moderate plasticity. (Alluvial Fan)	-3.5 / 3.8			S					
	COBBLE with minor clay; Wet, stiff, moderate plasticity. Cobbles; up to 150mm, subrounded. (Alluvial Fan)	-3.8 / 4.5	4		St					

EOH: 4.50 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Refusal at 4.5m.
Groundwater at 3.0m.

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024
TESTPIT No: MTP025		Photographed by: F. Schmit	



Testpit at completion. Max depth 4.5m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: MTP26

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 28/08/2024
TESTPIT DEPTH: 3.5m
COORDINATES: East 1316056.0 North 5018915.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane	FIELD TESTS
TS	Organic SILT with some clay; dark brown. Moist, stiff, moderate plasticity.	0.0 0.3	TS		M	St					
Alluvium	Fine sandy CLAY with minor organic silt and boulders; light whitish yellow. Dry, very stiff, low plasticity. Boulders; up to 300mm, subrounded to subangular. (Holocene Landslide Deposits)	-0.3 2.0		1	D	VSt					
	GRAVEL with minor clay; light whitish brown. Dry, hard, low plasticity. Gravel; coarse, subangular. (Undifferentiated Quaternary landslide deposits)	-2.0 3.5		2 3		H					

EOH: 3.50 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Refusal at 3.5m.
Groundwater not encountered.

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

EGL - Hand Auger - Test Pit v9 - 9/04/2026 12:08:47 pm - Produced with Core-GS by Geroc

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024
TESTPIT No: MTP026		Photographed by: F. Schmit	



Testpit at completion. Max depth 3.5m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: MTP27

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 08/10/2024
TESTPIT DEPTH: 3.0m
COORDINATES: East 1319109.0 North 5017662.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane	FIELD TESTS
TS	TOPSOIL; minor fine sand, light brown. Very soft, moist, low plasticity.	0.0 0.2	TS		M	VS					
Alluvium	Medium sandy GRAVEL; Light yellow grey. Dry, soft, low plasticity. Gravel; fine to coarse, subangular, loose. (Alluvial Fan)	-0.2 0.4									
	Fine sandy SILT with minor clay; Light yellow grey. Dry, firm, moderately plasticity. (Alluvial Fan)	-0.4 1.0		1	D	L					
	Fine sandy SILT with minor clay. light yellow grey. Dry, firm, weakly plastic. (Alluvial Fan)	-1.0 2.5		2							
TZ3	COBBLE with minor clay; Dry, stiff, moderate plasticity. Cobbles; up to 180mm, angular, platy.	-2.5 3.0				St					

EOH: 3.00 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Refusal at 3.0m.
Groundwater not encountered.

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

EGL - Hand Auger - Test Pit v9 - 9/04/2026 12:08:47 pm - Produced with Core-GS by Geroc

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024

TESTPIT No: MTP027 | Photographed by: F. Schmit



Testpit at completion. Max depth 3m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: MTP28

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 08/10/2024
TESTPIT DEPTH: 1.8m
COORDINATES: East 1319221.0 North 5017654.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane	FIELD TESTS
TS	fine sandy organic SILT; dark brown. Moist, soft, low plasticity.	0.0	TS								
Alluvium	Fine to coarse sandy GRAVEL; dark brownish grey. Moist, loose, non plastic. Gravel; coarse, subangular. (Alluvial Fan)	0.3 -0.5		1	M	L			1.8m, 01/01/2024	50 100 150	
Alluvium	Fine SAND with minor organic silt; dark grayish black. Moist, loose, non plastic. (Alluvial Fan)	0.8 -0.8									
Alluvium	Gravelly coarse SAND with minor organic silt; grayish black. Wet, loose, non plastic. Gravel; fine to medium, subangular. (Alluvial Fan)	1.3 -1.3				S					
Alluvium	Silty fine SAND with minor organic silt; greenish gray. Moist, loose, non plastic. (Alluvial Fan)										
Alluvium	Clayey SILT with minor fine sand; blackish gray. Moist, soft, moderate plasticity. (Alluvial Fan)	1.8									

EOH: 1.80 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Refusal at 2.0m.
Groundwater at 1.8m.

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

EGL - Hand Auger - Test Pit v9 - 9/04/2026 12:08:48 pm - Produced with Core-GS by Geroc

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024

TESTPIT No: MTP028 | Photographed by: F. Schmit



Testpit at completion. Max depth 2m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: MTP29

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 08/10/2024
TESTPIT DEPTH: 3.0m
COORDINATES: East 1318550.0 North 5017889.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane	FIELD TESTS
Alluvium	Fine sandy organic SILT; dark brown. Moist, soft, low plasticity.	0.0									
	Coarse sandy GRAVEL; dark brown. Moist, loose, non plastic. Gravel; fine to coarse, aubangular. (Alluvial Fan)	-0.1 / 0.4				L					
	Fine sandy organic SILT; dark brown. Moist, soft, low plasticity. (Paleosol)	-0.4 / 0.6	TS								
	Silty fine SAND; dark yellow. Moist, firm, moderate plasticity. (Alluvial Fan)	-0.6 / 1.2		1	M	F					
	Clayey SILT with minor fine sand; dark greenish. Moist, firm, moderate plasticity. (Alluvial Fan)	-1.2 / 1.5									
	Clayey COBBLES with minor gravel; dark gray. Wet, hard, low plasticity. Gravel; medium to coarse, subangular to angular. Cobbles up to 150mm, subangular. (Alluvial Fan)	-1.5 / 2.1		2	W	H					
TZ3	Silty Boulders; Dark gray. Saturated, dense, non plastic. Boulders; angular to subangular, up to 250mm.	-2.1 / 3.0			S	D			2.8m, 01/01/2024		

EOH: 3.00 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Refusal at 2.8m.
Groundwater at 2.8m.

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

EGL - Hand Auger - Test Pit v9 - 9/04/2026 12:08:48 pm - Produced with Core-GS by Geroc

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024
TESTPIT No: MTP029		Photographed by: F. Schmit	



Testpit at completion. Max depth 3m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: MTP30

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
DATE: 08/10/2024
LOCATION: Bendigo Ophir Stations
TESTPIT DEPTH: 4.0m
RL GROUND:
COORDINATES: East 1318491.0 North 5017956.0
DATUM: NZVD2016
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane	FIELD TESTS
TS	Fine to corase sandy organic SILT; dark brown. Moist, soft, low plasticity.	0.0 0.2	TS		D	S					
Alluvium	GRAVEL with minor fine sand; brown. Moist, loose, non plastic. Gravel; medium to coarse, subangular to angular. (Alluvial Fan)	-0.2 0.5				L					
	Silty CLAY with minor gravel; dark brown. Moist, firm, moderate plasticity. Gravel; fine, subangular. (Alluvial Fan)	-0.5 1.4		1	M	F					
	Gravelly SILT; dark bluish gray. Moist, soft, low plasticity. Gravel; medium to coarse, subangular to angular. (Alluvial Fan)	-1.4 1.6				S					
	Gravelly COBBLES; light orange brown. Moist, loose, low plasticity. Gravels; medium to coarse, subangular to angular. Cobbles; up to 150mm, subangular. (Alluvial Fan)	-1.6 2.0		2		L					
	Cobbely BOULDERS with minor gravel; dark grayish green. Wet, loose, low plasticity. Gravel; medium to coarse, subangular to angular. Cobbles; subangular. Boulders up to 250mm, subangular to angular. (Alluvial Fan)	-2.0 3.7		3	W				3.5m, 01/01/2024		
TZ3	Silty BOULDERS; Dark gray. Saturated, dense, non plastic. Boulders; angular to subangular, up to 250mm.	-3.7 4.0			S	D					

EOH: 4.00 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Refusal at 3.5m
Groundwater at 3.5m.

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

EGL - Hand Auger - Test Pit v9 - 9/04/2026 12:08:49 pm - Produced with Core-GS by Geroc

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024
TESTPIT No: MTP030		Photographed by: F. Schmit	



Testpit at completion. Max depth 4m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: MTP31

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 08/10/2024
TESTPIT DEPTH: 2.5m
COORDINATES: East 1318383.0 North 5017970.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane	FIELD TESTS
TS	Gravelly organic SILT with minor clay; dark brown. Moist, firm, low plasticity. Gravels; medium to coarse, subangular.	0.0 / 0.3	TS			F					
AlluviLm	Silty fine SAND with minor clay; light creamy yellow. Moist, soft, low plasticity. (Alluvial Fan)	-0.3 / 0.5				S					
	Silty CLAY; light bluish yellow,. Moist, stiff, moderate plasticity. (Alluvial Fan)	-0.5 / 1.0		1	M	St					
	Silty CLAY with minor gravel; light bluish gray. Moist, firm, moderate plasticity. Gravel; fine to medium, subangular. (Alluvial Fan)	-1.0 / 1.2				F					
	Silty organic CLAY; dark brownish grey. Moist, soft, low plasticity. (Alluvial Fan)	-1.3 / 1.5			W	VS / L					
	Gravelly COBBLES; dark grayish brown. Wet, loose, non plastic. Gravels; medium to coarse, subangular to angular. Cobbles; up to 150mm, subangular to angular. (Alluvial Fan)			2							
TZ3	Bouldery CLAY; dark grayish green. Saturated, hard, low plasticity. Boulders up to 250mm, angular.	-2.2 / 2.5			S	H			2.40m, 01/01/2024		

EOH: 2.50 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Refusal at 2.3m.
Groundwater at 2.3m.

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024

TESTPIT No: MTP031 | Photographed by: F. Schmit



Testpit at completion. Max depth 2.5m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: MTP32

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 08/10/2024
TESTPIT DEPTH: 1.0m
COORDINATES: East 1318478.0 North 5017971.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane (50, 100, 150)	FIELD TESTS
TS	Medium sandy TOPSOIL; dark brown. Moist, loose, non plastic.	0.0 0.2	TS			VS					
Alluvium	Fine to coarse GRAVEL; minor fine sand, light grayish blue. Moist, loose, low plasticity. (Alluvial Fan)	-0.2 0.6			M	L					
	TOPSOIL; black. Moist, soft, moderate plasticity. (Paleosol)	-0.6 0.9	TS			VS					
	GRAVEL with minor fine sand; dark browish gray. Dry, loose, non plastic. (Alluvial Fan)	-0.9 1.0			D	L					
	EOH: 1.00 m										

NOTES:

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024
TESTPIT No: MTP032		Photographed by: F. Schmit	



Testpit at completion. Max depth 1m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: MTP33

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 08/10/2024
TESTPIT DEPTH: 5.0m
COORDINATES: East 1319852.0 North 5017117.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane	FIELD TESTS
TS	Organic SILT with minor sand; dark brownish brown. Moist, soft, low plasticity.	0.0 0.2 0.3 -0.3	T$		M	S			0.4	50 100 150	
Alluvium	Fine to medium sandy GRAVEL, dark brownish green. Moist, soft, low plasticity. Gravel; fine, subangular. (Holocene Landslide Deposits)										
	Silty COBBLES with minor gravel; light gray. Dry, loose, non plastic. Gravel; fine to coarse, subangular. Cobbles; up to 150mm, subanguler to angular. (Holocene Landslide Deposits)			1 2 3 4	D	L					
	GRAVEL with minor coarse sand; light gray. Dry, medium dense, non plastic. Gravel; fine to corase, subangular to angular. (Undifferentiated Quaternary landslide deposits)	4.8 -4.8 5.0				MD					
		EOH: 5.00 m									

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Refusal at 5.0m.
Groundwater not encountered.

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

EGL - Hand Auger - Test Pit v9 - 9/04/2026 12:08:50 pm - Produced with Core-GS by Geroc

No Photo Taken for MTP-33

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TEST PIT LOG

TESTPIT No.: MTP34

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 08/10/2024
TESTPIT DEPTH: 3.0m
COORDINATES: East 1319901.0 North 5016998.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane	FIELD TESTS
TS	Organic SILT; dark brown. Moist, soft, low plasticity.	0.0 0.2	TS		M						
Alluvium	GRAVEL with minor fine sand; light brown. Dry, loose, low plasticity. Gravel; fine to coarse, subangular. (Holocene Landslide Deposits)	-0.2 0.7									
Alluvium	GRAVEL; dark brownish cream. Dry, loose, low plasticity. Gravel; coarse, subangular to angular. (Holocene Landslide Deposits)	-0.7 1.2		1		L					
Alluvium	Fine sandy TOPSOIL, dark brown,. Dry, soft, low plasticity. (Paleosol)	-1.2 2.0	TS		D						
TZ3	Bouldery CLAY; dark gray. Dry, hard, moderate plasticity.	-2.0 3.0		2		H					

EOH: 3.00 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Refusal at 3.0m.
Groundwater not encountered.

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024
TESTPIT No: MTP034		Photographed by: F. Schmit	



Testpit at completion. Max depth 5m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: MTP35

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 08/10/2024
TESTPIT DEPTH: 3.2m
COORDINATES: East 1319709.0 North 5017224.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane	FIELD TESTS
	Topsoil, organic silt. Dark brown, grey. Stiff, Moist, Low plasticity.	0.0 0.2									
	Silty CLAY with some cobbles and gravels. Cobbles and gravels, subrounded to rounded, highly weathered, moderately strong schist. Orange brown, Very stiff, Moist, Moderate plasticity.	-0.2 2.3		1 2							
	Clayey GRAVEL. Dark bluish grey. Gravel fine, tabular and angular, moderately weathered, weak schist.	-2.3 2.9									
	Highly weathered, Dark grey, Pelitic schist. Moderately strong.	-2.9 3.2		3							

EOH: 3.20 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Refusal at 3.2m.
Groundwater not encountered.

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024
TESTPIT No: MTP035		Photographed by: F. Schmit	



Testpit at completion. Max depth 3m

Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: MTP36

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 08/10/2024
TESTPIT DEPTH: 5.0m
COORDINATES: East 1319779.0 North 5017103.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane (50, 100, 150)	FIELD TESTS
TS	Organic SILT; dark bownish brown. Moist, soft, low plasticity.	0.0 0.2	TS		M						
Alluvium	Clayey SILT with minor gravel; dark brown. Dry, soft. moderate plasticity. Gravel; medium, subangular. (Holocene Landslide Deposits)	-0.2 1.8		1	D	S					
Alluvium	Bouldery fine sandy CLAY; light brownish gray. Moist, firm, low plasticity. (Alluvial Fan)	-1.8 3.1		2 3		F					
TZ3	Boulders with some clay; light creamy gray. Moist, dense, low plasticity	-3.1 4.4		3 4	M	D					

EOH: 5.00 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Refusal at 4.4m.
Groundwater not encountered.

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

EGL - Hand Auger - Test Pit v9 - 9/04/2026 12:08:52 pm - Produced with Core-GS by Geroc

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024
TESTPIT No: MTP036		Photographed by: F. Schmit	



Testpit at completion. Max depth 3.2m

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TEST PIT LOG

TESTPIT No.: MTP37

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 08/10/2024
TESTPIT DEPTH: 5.0m
COORDINATES: East 1318345.0 North 5018273.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane (50 100 150)	FIELD TESTS
TS	Organic SILT; light brownish brown. Moist, soft, low plasticity.	0.0 / 0.3	TS	0	M	S					
Alluvium	Clayey Silt with minor gravel; light brown. Dry, firm, low plasticity. Gravels; fine to medium, subrounded to subangular. (Holocene Landslide Deposits)	-0.3 / 1.5		1	D	F					
Alluvium	Silty CLAY with minor gravel; light brown. Moist, firm, low plasticity. Gravels; fine to medium, subrounded to subangular. (Holocene Landslide Deposits)	-1.5 / 1.9									
Alluvium	BOULDERS with minor clay; light creamy gray. Moist, very stiff, low plasticity. Boulders; up to 250mm, angular, bladed. (Undifferentiated Quaternary landslide deposits)	-1.9 / 2.6		2	M						
Z	BOULDERS with minor clay; light creamy gray. Wet, hard, low plasticity. Boulders; up to 250mm, angular, bladed.	2.7		3	W	H			2.4m, 01/01/2024		
				4							

EOH: 5.00 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Refusal at 2.8m.
Groundwater at 2.7m.

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024

Spoil pile at end of excavation

TESTPIT No: MTP037	Photographed by: F. Schmit



Testpit at completion. Max depth 4.4m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: MTP38

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 08/10/2024
TESTPIT DEPTH: 3.0m
COORDINATES: East 1319594.0 North 5017241.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane	FIELD TESTS
TS	Organic SILT; dark brownish brown, weakly plastic	0.0 0.7	TS								
Alluvium	Gravelly CLAY with minor silt; light brownish gray. Moist, soft, moderate plasticity. Gravel; fine to coarse, subangular to angular. (Holocene Landslide Deposits)	-0.7 2.0		1	M	S					
Alluvium	Coarse sandy SILT with minor clay; light brown. Wet, firm, moderate plasticity. (Holocene Landslide Deposits)	-2.0 2.5		2	W	F					
TZ3	BOULDERS with minor clay; light gray. Saturated, hard, low plasticity. Boulders; up to 250mm, angular, bladed.	-2.5 3.0			S	H					

EOH: 3.00 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Refusal at 3.0m.
Groundwater not encountered.

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024
TESTPIT No: MTP038		Photographed by: F. Schmit	



Testpit at completion. Max depth 5m

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TEST PIT LOG

TESTPIT No.: MTP39

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 08/10/2024
TESTPIT DEPTH: 2.4m
COORDINATES: East 1319409.0 North 5017431.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane	FIELD TESTS
TS	Organic SILT; dark brownish black. Moist, soft, low plasticity.	0.0 / 0.7	TS			S					
Alluvium	Silty CLAY with minor gravel; light gray. Moist, soft, low plasticity. Gravels; fine to medium, subrounded to subangular. (Holocene Landslide Deposits)	-0.7 / 1.0		1	M						
Alluvium	Silty CLAY with minor gravel trace boulders; light gray. Moist, soft, low plasticity. Gravels; fine to medium, subrounded to subangular. Boulders; up to 300mm, subangular to angular. (Holocene Landslide Deposits)	-1.0 / 2.2		2		L					
TZ3	Coarse sandy Boulders; dark gray. Saturated, dense, low plasticity.	-2.2 / 2.4			W	D			2.4m, 01/01/2024		

EOH: 2.40 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Refusal at 2.4m.
Groundwater at 2.3m.

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024

Spoil pile at end of excavation

TESTPIT No: MTP039	Photographed by: F. Schmit



Testpit at completion. Max depth 3m

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TEST PIT LOG

TESTPIT No.: MTP40

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 08/10/2024
TESTPIT DEPTH: 7.0m
COORDINATES: East 1315509.0 North 5019447.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane	FIELD TESTS
TS	Organic SILT; dark brown. Moist, soft, low plasticity.	0.0 0.2	TS								
Alluvium	Clayey GRAVEL with minor silt; light brown. Moist, soft, low plasticity.Gravel; medium, subrounded to subangular. (Till)	-0.2 1.0		1	M	S					
	Fine to coarse sandy GRAVEL; light brown. Dry, medium dense, non plastic. Gravel; fine to medium, subangular. (Till)	-1.0 2.0		2	D	MD					
	Cobbly GRAVEL; with minor coarse sand; light whity brown. Dry, dense, non plastic. Gravel; fine to coarse, subrounded to subangular. Cobbles; up to 150mm, subangular. (Till)	-2.0 3.0		3		D					
	Medium to coarse sandy COBBLES with minor gravel; light brown. Dry. dense, non plastic. Gravel; fine to coarse, subrounded to subangular. Cobbles; up to 150mm, subangular. (Till)	-3.0 7.0		4 5 6	D	F					

EOH: 7.00 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Target depth at 7.0m.
Groundwater not encountered.

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024

Spoil pile at end of excavation

TESTPIT No: MTP040 | Photographed by: F. Schmit



Testpit at completion. Max depth 2.5m



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TEST PIT LOG

TESTPIT No.: MTP41

SHEET 1 OF 2

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 08/10/2024
TESTPIT DEPTH: 7.5m
COORDINATES: East 1315509.0 North 5019488.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane (50 100 150)	FIELD TESTS
TS	Organic SILT minor fine sand; dark brownish brown. Moist, soft, low plasticity.	0.0 0.2	TS		M	S					
Alluvium	Silty Gravel; light brown. Dry, loose, non plastic. Gravel; medium, subrounded to subangular. (Till)	-0.2 1.5		1		L					
	Medium sandy GRAVEL with minor clay; light brown, Dry, hard, low plasticity. Gravel; medium, subrounded to subangular. (Till)	-1.5 3.5		2 3		H					
	Medium sandy GRAVEL minor cobbles; light brown. Dry, medium dense, non plastic. Gravel; Coarse, subrounded to subangular. Cobbles; up to 180mm, subrounded to subangular. (Till)	-3.5 7.5		4 5 6 7	D	L					

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Target depth at 7.5m.
Groundwater not encountered.

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024

Spoil pile at end of excavation

TESTPIT No: MTP041	Photographed by: F. Schmit



Testpit at completion. Max depth 7m



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TEST PIT LOG

TESTPIT No.: MTP42

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 08/10/2024
TESTPIT DEPTH: 7.0m
COORDINATES: East 1315293.0 North 5019891.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane	FIELD TESTS
TS	Organic SILT with minor fine to medium sand; dark brown. Moist, soft, low plasticity.	0.0 / 0.2	TS								
Alluvium	Medium sandy SILT with minor gravel; dark brown. Moist, loose, non plastic. Gravel; fine to medium, subangular to angular. (Till)	-0.2 / 1.0		1	M	S					
	GRAVEL with minor medium sand; light brown. Dry, loose, non plastic. Gravel; fine to coarse, subrounded to subangular. (Till)	-1.0 / 1.5				L					
	Fine to coarse sandy GRAVEL with minor clay; light brownish white. Dry, hard, low plasticity. Gravel; fine to medium, subangular to angular. (Till)	-1.5 / 2.5		2		H					
	Medium sandy COBBLES with minor gravel; light brown. Dry, dense, non plastic. Gravel; Coarse, subrounded to subangular. Cobbles; up to 180mm, subrounded to subangular. (Till)	-2.5 / 7.0		3 4 5 6	D	D					

EOH: 7.00 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Target depth at 7.0m.
Groundwater not encountered.

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024

Spoil pile at end of excavation

TESTPIT No: MTP042	Photographed by: F. Schmit



Testpit at completion. Max depth 7.5m

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TEST PIT LOG

TESTPIT No.: MTP43

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 08/10/2024
TESTPIT DEPTH: 6.0m
COORDINATES: East 1315234.0 North 5019984.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane	FIELD TESTS
TS	Organic SILT with minor fine sand; dark brown. Moist, soft, low plasticity.	0.0 0.2	TS		M	S					
Alluvium	SILT with minor sand and gravel and trace clay; dark brown. Dry, firm, low plasticity. Gravel; fine to medium, subangular. (Till)	-0.2 1.5		1	D						
	Medium sandy GRAVEL with minor clay. brownish white. Moist, firm, low plasticity. Gravel; fine to coarse, subrounded. (Till)	-1.5 3.5		2 3	M	F					
	Medium sandy GRAVEL with minor cobbles; Light yellowish brown. Dry loose, non plastic. Gravel; Coarse, rounded to subrounded. Cobbles; up to 150mm, subrounde (Till)d.	-3.5 6.0		4 5	D	L					

EOH: 6.00 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Target depth at 6.0m.
Groundwater not encountered.

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024

Spoil pile at end of excavation

TESTPIT No: MTP043 | Photographed by: F. Schmit



Testpit at completion. Max depth 7m



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TEST PIT LOG

TESTPIT No.: MTP44

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 08/10/2024
TESTPIT DEPTH: 7.0m
COORDINATES: East 1315206.0 North 5019965.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane	FIELD TESTS
TS	Organic SILT with minor fine sand; dark brown. Moist, soft, low plasticity.	0.0 / 0.2	TS			S					
Alluvium	fine to coarse sandy GRAVEL; dark brown. Moist, loose, non plastic. Gravel; fine to medium, subrounded. (Till)	-0.2 / 2.0		1	M	L					
	GRAVEL with minor clay; light brownish white. Moist, stiff, low plasticity. Gravel, fine to medium, rounded to subrounded. (Till)	-2.0 / 3.0		2		St					
	Medium sandy GRAVEL with minor cobbles; light brown. Dry loose, non plastic. Gravel; Coarse, rounded to subrounded. Cobbles; up to 150mm, subrounded. (Till)	-3.0 / 7.0		3 4 5 6	D	L					

EOH: 7.00 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Target depth at 7.0m.
Groundwater not encountered.

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024

Spoil pile at end of excavation

TESTPIT No: MTP044 | Photographed by: F. Schmit



Testpit at completion. Max depth 6m



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TEST PIT LOG

TESTPIT No.: MTP45

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 08/10/2024
TESTPIT DEPTH: 6.0m
COORDINATES: East 1315045.0 North 5020491.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane	FIELD TESTS
TS	Organic SILT with minor fine sand; dark brown. Moist, soft, low plasticity.	0.0 0.2	T$		M	S					
Alluvium	Fine to coarse sandy GRAVEL; dark brown. Dry loose, non plastic. Gravel; fine to medium, subrounded. (Till)	-0.2		1		L					
	Coarse sandy GRAVEL with minor clay; light brown. Dry, firm, low plasticity. Gravel; fine to medium, subrounded. (Till)	2.8 -2.8		2 3	D	F					
	Medium to coarse sandy GRAVEL with minor cobbles; light brown. Dry loose, non plastic. Gravel; Coarse, rounded to subrounded. Cobbles; up to 150mm, subrounded. (Till)	4.0 -4.0		4 5		L					
		6.0									

EOH: 6.00 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Target depth at 6.0m.
Groundwater not encountered.

LOGGED: FS
CHECKED: PC
EXCAVATOR: 20T Excavator

EGL - Hand Auger - Test Pit v9 - 9/04/2026 12:08:56 pm - Produced with Core-GS by Geroc

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024

Spoil pile at end of excavation

TESTPIT No: MTP045 | Photographed by: F. Schmit



Testpit at completion. Max depth 7m



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TEST PIT LOG

TESTPIT No.: MTP46

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM: NZVD2016

DATE: 08/10/2024
TESTPIT DEPTH: 6.5m
COORDINATES: East 1315063.0 North 5020510.0
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane (50 100 150)	FIELD TESTS
TS	Organic SILT with minor fine sand; dark brown. Moist, soft, low plasticity.	0.0 / 0.2	TS			S					
Alluvium	Silty GRAVEL with minor fine sand; dark brown. Moist, loose, low plasticity. Gravel; fine, subrounded. (Till)	-0.2 / 1.0		1	M	L					
	Fine to medium sandy GRAVEL; light brown. Dry, loose, non plastic. Gravel; fine, subrounded. (Till)	-1.0 / 1.8			D						
	Fine to coarse sandy GRAVEL with minor clay; light brown. Moist, firm, low plasticity. Gravels; fine to medium, subrounded to subangular. (Till)	-1.8 / 2.0		2	M	F					
	Fine to coarse sandy GRAVEL; light brown. Dry, loose, non plastic. Gravels; fine to coarse, subrounded. (Till)	-2.0 / 2.5									
	Medium to coarse sandy GRAVEL with minor cobbles; light brown. Dry loose, non plastic. Gravel; Coarse, rounded to subrounded. Cobbles; up to 150mm, subrounded. (Till)	-2.5 / 6.5		3 4 5 6	D	L					

EOH: 6.50 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.
Target depth at 6.5m.
Groundwater not encountered.

LOGGED: MGL
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	September 2024

Spoil pile at end of excavation

TESTPIT No: MTP046	Photographed by: F. Schmit



Testpit at completion. Max depth 6m



Spoil pile at end of excavation

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TEST PIT LOG

TESTPIT No.: MTP47

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM:
DATE:
TESTPIT DEPTH: 2.8m
COORDINATES:
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane	FIELD TESTS
TS	Organic Clayey SILT; black. Loose, dry, low plasticity.	0.0 0.5	TS								
Alluvium	Silty GRAVEL; brown. Loose, dry, low plasticity.	-0.5 2.3		1 2	M	L			Groundwater Not Encountered		
	Silty GRAVEL, with schist fragments; brown. Very stiff, dry, low plasticity.	-2.3 2.8				VSt					

EOH: 2.80 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.

LOGGED: MGL
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	February 2025

TESTPIT MTP047 — Photographed by:



Testpit at completion. Max depth 2.8m

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TEST PIT LOG

TESTPIT No.: MTP48

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM:
DATE:
TESTPIT DEPTH: 3.1m
COORDINATES:
GRID:

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane	FIELD TESTS
Alluvium	Organic Clayey SILT; black. Loose, low plasticity.	0.0									
	Silty GRAVEL; brown. Loose, dry, low plasticity.	-0.1				L					
		0.7									
	Silty CLAY; brown. Very stiff, moist, moderate plasticity.	-0.7		1	M	VSt			Groundwater Not Encountered		
		2.0		2							
	Sandy GRAVEL; grey. Very stiff, moist, low plasticity.	-2.0									
		3.1		3							

EOH: 3.10 m

CORRECTED VANE SHEAR STRENGTH (kPa): 50 100 150

NOTES: Logged by Matakanui staff, digitised by EGL staff.

LOGGED: MGL
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	February 2025

TESTPIT MTP048 — Photographed by



Testpit at completion. Max depth 3.1m

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TEST PIT LOG

TESTPIT No.: MTP49

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM:
DATE:
TESTPIT DEPTH: 3.1m
COORDINATES:
GRID: NZTM 2000

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane (50 100 150)	FIELD TESTS
Alluvium	Organic Clayey SILT; black, dry, low plasticity.	0.0									
	Silty GRAVEL; brown. Loose, dry, low plasticity.	-0.1				L					
		0.8									
	Silty CLAY; brown. Very stiff, dry, moderate plasticity.	-0.8		1	M				Groundwater Not Encountered		
		1.7				VSt					
	Sandy GRAVEL; grey. Very stiff, moist, low plasticity.	-1.7		2							
		3.1		3							

EOH: 3.10 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.

LOGGED: MGL
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	February 2025

TESTPIT MTP049 — Photographed by:



Testpit at completion. Max depth 3.1m

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TEST PIT LOG

TESTPIT No.: MTP50

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM:
DATE:
TESTPIT DEPTH: 4.1m
COORDINATES:
GRID:

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ●Field Vane (BS 1377) ○Remoulded Field Vane	FIELD TESTS
Alluvium	Organic Clayey SILT; black. Loose, moist, low plasticity.	0.0				L				50 100 150	
	Silty Gravel; brown. Very stiff, moist, low plasticity.	-0.1		1	M	VSt			Groundwater Not Encountered		
		4.1		2							
				3							
				4							

EOH: 4.12 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.

LOGGED: MGL
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	February 2025
TESTPIT MTP050		Photographed by:	



Testpit at completion. Max depth 4.12m

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TEST PIT LOG

TESTPIT No.: MTP51

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM:
DATE:
TESTPIT DEPTH: 6.9m
COORDINATES:
GRID:

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ●Field Vane (BS 1377) ○Remoulded Field Vane 50 100 150	FIELD TESTS
Alluvium	Organic Clayey SILT; dark brown. Very stiiff, dry, low plasticity.	0.0				L					
	Silty Gravel; brown. Very stiff, moist, low plasticity.	-0.1		1							
		2.0		2							
	Sandy GRAVEL; grey. Very stiff, moist, low plasticity.	-2.0		3	M	VSt			Groundwater Not Encountered		
				4							
				5							
				6							
		6.9									

EOH: 6.90 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.

LOGGED: MGL
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	February 2025

TESTPIT MTP051 — Photographed by:



Testpit at completion. Max depth 6.9m



Spoil pile at end of excavation.

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TEST PIT LOG

TESTPIT No.: MTP52

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM:
DATE:
TESTPIT DEPTH: 3.2m
COORDINATES:
GRID:

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane	FIELD TESTS
TS	Organic Clayey SILT; dark brown. Very stiiff, dry, low plasticity.	0.0 0.2	T$								
Alluvium	Sandy GRAVEL; grey. Very stiff, moist, low plasticity.	-0.2 0.7									
	Silty SAND; brown. Very stiff, moist, low plasticity.	-0.7 -0.8									
	Silty GRAVEL; grey. Very stiff, moist, low plasticity.	1.9		1	M	VSt			Groundwater Not Encountered		
	Silty CLAY; brown. Very stiff, moist, moderate plasticity.	-1.9 2.9		2							
	Silty SAND; brown. Very stiff, moist, low plasticity.	-2.9 3.2		3							

EOH: 3.20 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.

LOGGED: MGL
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	February 2025
TESTPIT MTP052		Photographed by:	



Testpit at completion. Max depth 3.2m

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TEST PIT LOG

TESTPIT No.: MTP53

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM:
DATE:
TESTPIT DEPTH: 3.8m
COORDINATES:
GRID:

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane	FIELD TESTS
TS	Organic Clayey SILT; black. Loose, moist, low plasticity.	0.0 / 0.4	TS								
Alluvium	Silty GRAVEL; brown. Loose, dry, low plasticity.	-0.4 / 1.8		1	D	L			Groundwater Not Encountered		
Alluvium	Clayey SILT; brown. Very stiff, dry, moderate plasticity.	-1.8 / 3.0		2		VSt					
Alluvium	Sandy GRAVEL; grey. Loose, dry, low plasticity.	-3.0 / 3.8		3							

EOH: 3.80 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.

LOGGED: MGL
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	February 2025

TESTPIT MTP053 — Photographed by:



Testpit at completion. Max depth 3.8m

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TEST PIT LOG

TESTPIT No.: MTP54

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM:
DATE:
TESTPIT DEPTH: 3.6m
COORDINATES:
GRID:

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ● Field Vane (BS 1377) ○ Remoulded Field Vane	FIELD TESTS
TS	Organic Clayey SILT; black. Loose, dry, low plasticity.	0.0 / 0.2	TS								
Alluvium	Silty GRAVEL; brown. Loose, dry, low plasticity.	-0.2 / 0.6				L					
	Clayey SILT; brown. Loose, dry, low plasticity.	-0.6 / 1.1		1							
	Silty CLAY; brown. Very stiff, moist, moderate plasticity.	-1.1 / 1.3									
	Gravelly SILT; brown. Very stiff, moist, low plasticity.	-1.3 / 1.4									
	Silty CLAY; brown. Very stiff, dry, moderate plasticity.	-1.4 / 2.2		2	D				Groundwater Not Encountered		
	Sandy GRAVEL; grey. Very stiff, dry, low plasticity.	-2.2 / 3.6		3		VSt					

EOH: 3.60 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.

LOGGED: MGL
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	February 2025

TESTPIT MTP054 — Photographed by:



Testpit at completion. Max depth 3.6m

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TEST PIT LOG

TESTPIT No.: MTP55

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM:
DATE:
TESTPIT DEPTH: 3.5m
COORDINATES:
GRID:

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ●Field Vane (BS 1377) ○Remoulded Field Vane	FIELD TESTS
TS	Organic Clayey SILT; black. Loose, dry, low plastcity.	0.0 0.2	TS								
Alluvium	Gravelly SILT; brown. Loose, dry, low plasticity.	-0.2 0.9				L					
	Sandy GRAVEL; brown. Very stiff, dry, low plasticity.	-0.9 1.6		1							
	Clayey SILT; brownish orange. Very stiff, dry, low plasticity.	-1.6 2.5		2	D	VSt			Groundwater Not Encountered		
	Sandy SILT; grey. Very stiff, dry, low plasticity.	-2.5 3.5		3							

EOH: 3.50 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.

LOGGED: MGL
CHECKED: PC
EXCAVATOR: 20T Excavator

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	February 2025
TESTPIT MTP055		Photographed by:	



Testpit at completion. Max depth 3.5m

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TEST PIT LOG

TESTPIT No.: MTP56

SHEET 1 OF 1

Job No.: 9702.0

PROJECT: BOGP Test Pits
LOCATION: Bendigo Ophir Stations
RL GROUND:
DATUM:
DATE:
TESTPIT DEPTH: 4.2m
COORDINATES:
GRID:

GEOLOGICAL UNIT	SOIL MATERIAL DESCRIPTION	DEPTH / RL	GRAPHIC LOG	DEPTH (m)	MOISTURE CONDITION	CONSISTENCY / DENSITY	SAMPLES	WATER CONTENT (%)	SEEPAGE / WATER LEVEL	CORRECTED VANE SHEAR STRENGTH (kPa) ●Field Vane (BS 1377) ○Remoulded Field Vane	FIELD TESTS
TS	Organic Clayey SILT; black. Loose, low plasticity.	0.0 0.2	T$			L				50 100 150	
Alluvium	Gravelly SAND; brown. Very stiff, moist, low plasticity.	-0.2		1 2 3 4	D	VSt			Groundwater Not Encountered		
		4.2									

EOH: 4.20 m

NOTES: Logged by Matakanui staff, digitised by EGL staff.

LOGGED: MGL
CHECKED: PC
EXCAVATOR: 20T Excavator

EGL - Hand Auger - Test Pit v9 - 9/04/2026 12:09:01 pm - Produced with Core-GS by Geroc

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Project:

Bendigo Ophir Gold Project

EGL Job No:	9702	Date:	February 2025

TESTPIT MTP056 — Photographed by:



Testpit at completion. Max depth 4.2m



Spoil pile at end of excavation.